

Claims

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- [c1] A central data archiving system, said system comprising:
a data source providing medical data;
a status monitor for controlling the transfer of said medical data from said data source to a remote data store; and
a remote data store receiving said medical data and storing said medical data.
- Sub C1*
- [c2] The system of claim 1, wherein said status monitor verifies said transfer of said medical data from said data source to said remote data store.
- [c3] The system of claim 1, further comprising an access authenticator for authenticating access to said remote data store by said data source.
- [c4] The system of claim 3, wherein said access authenticator authenticates access to said data source.
- [c5] The system of claim 1, wherein said data source further stores medical data.
- [c6] The system of claim 5, wherein said remote data store further restores said medical data to said data source.
- [c7] The system of claim 1, wherein said remote data store stores a copy of said medical data.
- [c8] The system of claim 1, further comprising a second data source for storing medical data, wherein said remote data store transfers said medical data to said second data source.
- [c9] The system of claim 1, wherein said remote data store comprises an application service provider.
- [c10] The system of claim 1, wherein said remote data store is stored at a plurality of locations.
- [c11] The system of claim 1, wherein said status monitor controls the transfer of data from said data source to said remote data store at a definable interval.

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- [c12] The system of claim 11, wherein said definable interval comprises a timed interval.
- [c13] The system of claim 11, wherein said definable interval comprises an event-based interval.
- [c14] The system of claim 11, wherein said definable interval comprises a manual interval.
- [c15] A system for remotely accessing a centralized data store, said system comprising:
a remote data store storing medical data;
a status monitor for controlling the transfer of said medical data from said remote data store to a data source; and
a data source receiving said medical data and storing said medical data.
- [c16] The system of claim 15, further comprising a second data source storing medical data.
- [c17] The system of claim 16, wherein said status monitor controls the transfer of said copy of said medical data between said remote data store and said second data source.
- [c18] The system of claim 16, wherein said status monitor verifies the transfer of said copy of said medical data between said remote data store and said second data source.
- [c19] The system of claim 15, further comprising an access authenticator for authenticating access to said remote data store.
- [c20] The system of claim 15, wherein said status monitor verifies said transfer of said medical data between said first data source and said remote data store.
- [c21] The system of claim 15, wherein said remote data store comprises an application service provider.
- [c22] The system of claim 15, wherein said remote data store is stored at a plurality

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of locations.

[c23] The system of claim 15, wherein said remote data store restores said medical data at said data source.

[c24] The system of claim 15, wherein said remote data store comprises at least one directory corresponding to said first data source.

Sub A3
[c25] A method for remotely archiving medical data, said method comprising: transferring said medical data from a data source to a remote data store; and storing said medical data at said remote data store.

[c26] The method of claim 25, further comprising the step of obtaining said medical data.

[c27] The method of claim 25, further comprising the step of storing said medical data at said data source.

[c28] The method of claim 25, wherein said storing step further comprises storing said medical data at said remote data store in a directory corresponding to said data source.

[c29] The method of claim 25, wherein said transferring step further comprises verifying said transfer of medical data from said remote data store to said data source.

[c30] The method of claim 25, further comprising the step of authenticating access to said remote data store.

[c31] The method of claim 25, wherein said transferring step occurs after a definable interval.

[c32] The method of claim 31, wherein said definable interval comprises a timed interval.

[c33] The method of claim 31, wherein said definable interval comprises an event-based interval.

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- [c34] The method of claim 31, wherein said definable interval comprises a manual interval.
- [c35] The method of claim 25, further comprising the step of restoring said medical data to said data source from said remote data store.
- [c36] The method of claim 25, further comprising the step of copying said medical data from said remote data source to a second data source.
- [c37] A method for restoring medical data to a data source from a remote data store, said method comprising:
detecting an error in accessed medical data;
transferring a copy of said medical data from a remote data store to said data source; and
restoring said medical data by replacing said medical data at said data source with said copy of said medical data.
- [c38] The method of claim 37, further comprising the step of previously obtaining said medical data at said data source and storing said medical data at said remote data store.
- [c39] The method of claim 37, further comprising the step of copying said medical data to a second data source.
- [c40] The method of claim 37, wherein said transferring step further comprises verifying said transferring of medical data from said remote data store to said data source.
- [c41] The method of claim 37, further comprising the step of authenticating access to said remote data store.
- [c42] The method of claim 37, wherein said transferring step further comprises transferring said medical data from a directory representative of said data source at said remote data store to said data source.
- [c43] A method for installing medical data from a first data source to a second data

source, said method comprising:

storing data remotely from a first data source to a remote data store;

providing access to a second data source;

transferring said medical data from said remote data store to said second data source; and

storing said medical data at said second data source.

[c44] The method of claim 43, wherein said transferring step further comprises transferring said medical data from a directory representative of said first data source at said remote data store to said second data source.

[c45] The method of claim 43, wherein said transferring step further comprises transferring files of medical data from said remote data store to said second data store.

[c46] The method of claim 43, wherein said transferring step further comprises transferring the entire contents of said first data source from said remote data store to said second data source.

[c47] The method of claim 43, wherein said transferring step further comprises verifying said transferring of medical data from said remote data store to said second data source.

[c48] The method of claim 44, further comprising the step of authenticating access to said remote data store.

[c49] The method of claim 44, wherein said transferring step occurs after a definable interval.

[c50] The method of claim 49, wherein said definable interval comprises a timed interval.

[c51] The method of claim 49, wherein said definable interval comprises an event-based interval.

[c52] The method of claim 49, wherein said definable interval comprises a manual

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interval.

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